

In the Claims:

Please amend claims 4, 11, 18, 24, 31 and 38, as indicated below.

1. (Original) A method comprising:

accessing a first space, wherein the first space comprises a first network-addressable storage location, wherein information usable to access the first space is provided in an advertisement for the first space, wherein the advertisement for the first space comprises a first schema, and wherein the first schema specifies one or more messages usable to invoke functions of the first space;

requesting creation of a second space by sending to the first space one of the messages specified by the first schema;

creating the second space in response to the requesting creation of the second space, wherein the second space comprises a second network-addressable storage location, wherein information usable to access the second space is provided in an advertisement for the second space, wherein the advertisement for the second space comprises a second schema, and wherein the second schema specifies one or more messages usable to invoke functions of the second space;

accessing the second space by sending to the second space one of the messages specified by the second schema.

2. (Original) The method of claim 1,

wherein the accessing the first space comprises sending information to the first space at a first Uniform Resource Identifier (URI); and

wherein the accessing the second space comprises sending information to the second space at a second URI.

3. (Original) The method of claim 1,

wherein the first space stores a first set of information according to a storage model; and

wherein the second space is operable to store a second set of information according to the storage model.

4. (Currently amended) The method of claim 3,

wherein the second set of information is empty upon the creating of the second space.

5. (Original) The method of claim 3,

wherein the creating the second space comprises allocating storage according to the storage model.

6. (Original) The method of claim 3,

wherein the first set of information is expressed in a data representation language.

7. (Original) The method of claim 1,

wherein the first schema is expressed in a data representation language; and

wherein the second schema is expressed in the data representation language.

8. (Original) The method of claim 7,

wherein the data representation language comprises eXtensible Markup Language (XML).

9. (Original) The method of claim 1, further comprising:

reading a service advertisement stored in the first space, wherein the service advertisement comprises information which is usable to access and execute a service;

using the information in the service advertisement to execute the service;

generating a set of results of the service in response to the executing the service;
and

publishing the set of results of the service in the second space;

wherein the requesting creation of the second space comprises requesting creation of the second space for storage of the set of results of the service.

10. (Original) The method of claim 1,

wherein a first space service comprises a set of program instructions which are computer-executable to provide the first space; and

wherein a second space service comprises the set of program instructions, wherein the set of program instructions are further computer-executable to provide the second space.

11. (Currently amended) The method of claim 1,

wherein the accessing of the first space comprises accessing the first space at a first address ~~to~~ in a storage facility;

wherein the creating of the second space comprises creating a second address ~~to~~ in the storage facility; and

wherein the accessing of the second space comprises accessing the second space at the second address ~~to~~ in the storage facility.

12. (Original) The method of claim 1,

wherein the functions of the first space comprise storing information in the first space and reading information from the first space; and

wherein the functions of the second space comprise storing information in the second space and reading information from the second space.

13. (Original) The method of claim 1,

wherein the second schema comprises the first schema.

14. (Original) The method of claim 1,

wherein the second schema comprises a portion of the first schema.

15. (Original) A system comprising:

a client;

a first space which is communicatively coupled to the client, wherein the first space comprises a first network-addressable storage location, wherein information usable to access the first space is provided in an advertisement for the first space, wherein the advertisement for the first space comprises a first schema, and wherein the first schema specifies one or more messages usable to invoke functions of the first space;

wherein the client is operable to:

access the first space;

request creation of a second space by sending to the first space one of the messages specified in the first schema, wherein the second space comprises a second network-addressable storage location, wherein information usable to access the second space is provided in an advertisement for the second space, wherein the advertisement for the second space comprises a second schema, and wherein the second schema specifies one or more messages usable to invoke functions of the second space; and

access the second space by sending to the second space one of the messages specified by the second schema.

16. (Original) The system of claim 15,

wherein in accessing the first space, the client is operable to send information to the first space at a first URI; and

wherein in accessing the second space, the client is operable to send information to the second space at a second URI.

17. (Original) The system of claim 15,

wherein the first space stores a first set of information according to a storage model; and

wherein the second space is operable to store a second set of information according to the storage model.

18. (Currently amended) The system of claim 17,

wherein the second set of information is empty upon the creating of the second space.

19. (Original) The system of claim 17,

wherein the first set of information is expressed in a data representation language.

20. (Original) The system of claim 15,

wherein the first schema is expressed in a data representation language; and

wherein the second schema is expressed in the data representation language.

21. (Original) The system of claim 20,

wherein the data representation language comprises eXtensible Markup Language (XML).

22. (Original) The system of claim 15, further comprising:

a service which is communicatively coupled to the client and to the first space;

wherein the client is operable to read a service advertisement stored in the first space, wherein the service advertisement comprises information which is usable to access and execute the service;

wherein the service is operable to:

generate a set of results of executing the service;

create the second space; and

publish the set of results in the second space.

23. (Original) The system of claim 15,

wherein a first space service comprises a set of program instructions which are computer-executable to provide the first space; and

wherein a second space service comprises the set of program instructions, wherein the set of program instructions are further computer-executable to provide the second space.

24. (Currently amended) The system of claim 15,

wherein in accessing the first space, the client is operable to access the first space at a first address ~~to~~ in a storage facility;

wherein in requesting creation of the second space, the client is operable to request creation of a second address ~~to~~ in the storage facility; and

wherein in accessing the second space, the client is operable to access the second space at the second address ~~to~~ in the storage facility.

25. (Original) The system of claim 15,

wherein the functions of the first space comprise storing information in the first space and reading information from the first space; and

wherein the functions of the second space comprise storing information in the second space and reading information from the second space.

26. (Original) The system of claim 15,

wherein the second schema comprises the first schema.

27. (Original) The system of claim 15,

wherein the second schema comprises a portion of the first schema.

28. (Previously presented) A computer accessible medium comprising program instructions which are computer-executable to implement:

accessing a first space, wherein the first space comprises a first network-addressable storage location, wherein information usable to access the first space is provided in an advertisement for the first space, wherein the advertisement for the first space comprises a first schema, and wherein the first schema specifies one or more messages usable to invoke functions of the first space;

requesting creation of a second space by sending to the first space one of the messages specified by the first schema;

creating the second space in response to the requesting creation of the second space, wherein the second space comprises a second network-addressable storage location, wherein information usable to access the second space is provided in an advertisement for the second space, wherein the advertisement for the second space comprises a second schema, and wherein the second schema specifies one or more messages usable to invoke functions of the second space;

accessing the second space by sending to the second space one of the messages specified by the second schema.

29. (Previously presented) The computer accessible medium of claim 28,

wherein in the accessing the first space, the program instructions are further computer-executable to implement sending information to the first space at a first URI; and

wherein in the accessing the second space, the program instructions are further computer-executable to implement sending information to the second space at a second URI.

30. (Previously presented) The computer accessible medium of claim 28,

wherein the first space stores a first set of information according to a storage model; and

wherein the second space is operable to store a second set of information according to the storage model.

31. (Currently amended) The carrier medium of claim 30,

wherein the second set of information is empty upon the creating of the second space.

32. (Previously presented) The computer accessible medium of claim 30,

wherein in the creating the second space, the program instructions are further computer-executable to implement allocating storage according to the storage model.

33. (Previously presented) The computer accessible medium of claim 30,

wherein the first set of information is expressed in a data representation language.

34. (Previously presented) The computer accessible medium of claim 28,

wherein the first schema is expressed in a data representation language; and

wherein the second schema is expressed in the data representation language.

35. (Previously presented) The computer accessible medium of claim 34,

wherein the data representation language comprises eXtensible Markup Language (XML).

36. (Previously presented) The computer accessible medium of claim 28, wherein the program instructions are further computer-executable to implement:

reading a service advertisement stored in the first space, wherein the service advertisement comprises information which is usable to access and execute a service;

using the information in the service advertisement to execute the service;

generating a set of results of the service in response to the executing the service;

and

publishing the set of results of the service in the second space;

wherein in the requesting creation of the second space, the program instructions are further computer-executable to implement requesting creation of the second space for storage of set of results of the service.

37. (Previously presented) The computer accessible medium of claim 28,

wherein a first space service comprises a set of program instructions which are computer-executable to provide the first space; and

wherein a second space service comprises the set of program instructions, wherein the set of program instructions are further computer-executable to provide the second space.

38. (Currently amended) The computer accessible medium of claim 28,

wherein in the accessing the first space, the program instructions are further computer-executable to implement accessing the first space at a first address ~~to~~ in a storage facility;

wherein in the creating the second space, the program instructions are further computer-executable to implement creating a second address ~~to~~ in the storage facility; and

wherein in the accessing the second space, the program instructions are further computer-executable to implement accessing the second space at the second address to in the storage facility.

39. (Previously presented) The computer accessible medium of claim 28,

wherein the functions of the first space comprise storing information in the first space and reading information from the first space; and

wherein the functions of the second space comprise storing information in the second space and reading information from the second space.

40. (Previously presented) The computer accessible medium of claim 28,

wherein the second schema comprises the first schema.

41. (Previously presented) The computer accessible medium of claim 28,

wherein the second schema comprises a portion of the first schema.